

# SEQUENCE LISTING

<110> Rothschild, Max  
 <120> Genetic Markers for Improved  
 <130> ISURF 2697  
 <140> US 01 10/816,304  
 <141> 2004-04-01  
 <160> 29  
 <170> PatentIn version 3.3  
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 cccagaatcc atactgtgtg tgcttcatgt ctacttttaa ttgtatctc atctctgatca 660  
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<210> 3
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Leu Leu Glu Asn Ile Leu Val Ile Val Ala Ile Ala Lys Asn Lys Asn
          20          25          30

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Leu His Ser Pro Met Tyr Phe Phe Ile Cys Ser Leu Ala Val Ala Asp
          35          40          45

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Met Leu Val Ser Val Ser Asn Gly Ser Glu Thr Ile Ile Ile Thr Leu
          50          55          60

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Leu Asn Ser Thr Asp Thr Asp Ala Gln Ser Phe Thr Val Asn Ile Asp
65          70          75          80

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Asn Val Ile Asp Ser Val Ile Cys Ser Ser Leu Leu Ala Ser Ile Cys  
 85 90 95

Ser Leu Leu Ser Ile Ala Val Asp Arg Tyr Phe Thr Ile Phe Tyr Ala  
 100 105 110

Leu Gln Tyr His Asn Ile Met Thr Val Lys Arg Val Gly Ile Ser Ile  
 115 120 125

Ser Cys Ile Trp Ala Ala Cys Thr Val Ser Gly Ile Leu Phe Ile Ile  
 130 135 140

Tyr Ser Asp Ser Ser Ala Val Ile Ile Cys Leu Ile Thr Met Phe Phe  
 145 150 155 160

Thr Met Leu Ala Leu Met Ala Ser Leu Tyr Val His Met Phe Leu Met  
 165 170 175

Ala Arg Leu His Ile Lys Arg Ile Ala Val Leu Pro Gly Thr Gly Ala  
 180 185 190

Ile Arg Gln Gly Ala Asn Met Lys Gly Ala Ile Thr Leu Thr Ile Leu  
 195 200 205

Ile Gly Val Phe Val Val Cys Trp Ala Pro Phe Phe Leu His Leu Ile  
 210 215 220

Phe Tyr Ile Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys Phe Met Ser  
 225 230 235 240

His Phe Asn Leu Tyr Leu Ile Leu Ile Met Cys Asn Ser Ile Ile Asp  
 245 250 255

Pro Leu Ile Tyr Ala Leu Arg Ser Gln Glu Leu Arg Lys Thr Phe Lys  
 260 265 270

Glu Ile Ile Cys Cys Tyr Pro Leu Gly Gly Leu Cys Asp Leu Ser Ser  
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Arg Tyr Ala Pro Pro Glu Asn Asp Ile Xaa Val Ile Cys Asn Phe Ile  
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Asp Glu Asn Thr Ile Ala Leu  
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Thr Leu Leu Asn Ser Thr Asp Thr Asp Ala Gln Ser Phe Thr Val Asn  
35 40 45

Ile Asp Asn Val Ile Asp Ser Val Ile Cys Ser Ser Leu Leu Ala Ser  
50 55 60

Ile Cys Ser Leu Leu Ser Ile Ala Val Asp Arg Tyr Phe Thr Ile Phe  
65 70 75 80

Tyr Ala Leu Gln Tyr His Asn Ile Met Thr Val Lys Arg Val Gly Ile  
85 90 95

Ile Ile Ser Cys Ile Trp Ala Val Cys Thr Val Ser Gly Val Leu Phe  
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Ile Ile Tyr Ser Asp Ser Ser Ala Val Ile Ile Cys Leu Ile Thr Val  
115 120 125

Phe Phe Thr Met Leu Ala Leu Met Ala Ser Leu Tyr Val His Met Phe  
130 135 140

Leu Met Ala Arg Leu His Ile Lys Arg Ile Ala Val Leu Pro Gly Thr  
145 150 155 160

Gly Thr Ile Arg Gln Gly Ala Asn Met Lys Gly Ala Ile Thr Leu Thr  
165 170 175

Ile Leu Ile Gly Val Phe Val Val Cys Trp Ala Pro Phe Phe Leu His

180	185	190	
Leu Ile Phe Tyr Ile Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys Phe			
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Met Ser His Phe Asn Leu Tyr Leu Ile Leu Ile Met Cys Asn Ser Ile			
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Phe Lys Glu Ile Ile Cys Cys Tyr			
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<212> DNA
<213> Sus scrofa

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<210> 11
<211> 24
<212> PRT
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Ile Asp Pro Leu Ile Tyr Ala Leu
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<213> Homo sapiens

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Ile Asp Pro Leu Ile Tyr Ala Leu  
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<211> 23  
<212> PRT  
<213> Sus scrofa

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<212> PRT  
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<400> 16

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Ile Asp Pro Phe Ile Tyr Ala Leu  
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Ala His Phe Asn Thr Tyr Leu Val Leu Ile Met Cys Asn Ser Val Ile

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Asp Pro Leu Ile Tyr Ala  
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<400> 18

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Asp Pro Leu Ile Tyr Ala  
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Asp Pro Leu Ile Tyr Ala  
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<400> 21

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Ser Cys Arg

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<213> Homo sapiens

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Pro Leu Ile Tyr Ala Leu  
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<212> PRT

<213> Homo sapiens

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<212> PRT  
<213> Rattus norvegicus

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Ile Leu Tyr Ala Phe Leu  
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<212> PRT  
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<400> 26

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<210> 27  
<211> 10  
<212> PRT  
<213> Sus scrofa

<400> 27

Cys Asn Ser Leu Ile Asp Pro Leu Ile Tyr  
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33

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33